## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/581,158 Confirmation No.: 9153 Art Unit: 1645 Applicant(s): Yoshinori Watanabe Examiner: **TBA** Filed: January 30, 2007 Customer No.: 27123 NOVEL CENTROMERIC PROTEIN SHUGOSHIN For: SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir: Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references listed on the attached Form PTO 1449. Copy(ies) of these references: X Foreign Patent Applications, Foreign Patents and/or Other Non-Patent Documents are attached (Copies of cited U.S. Patents/Publications are not provided). Were filed in related application U.S. Serial No(s) , respectively. , filed This document is being filed within three (3) months of the filing date of the application A check for the requisite fee of \$180 is enclosed. This document is being concurrently filed with the above-identified application This document is being concurrently filed with an Request for Continued Examination (RCE)  $\boxtimes$ This document is being filed prior to a first Office Action  $\boxtimes$ This document is accompanied by a Search Report/Communication cited in corresponding EP Application Number 04819775. The Commissioner is hereby authorized to charge any additional fees which may be required for  $|\mathbf{X}|$ this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 4439-4043. Respectfully submitted, MORGAN & FINNEGAN, L.L.P. Dated: June 5, 2007 By: Sonja Keenan

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|  | FORM I   | PTO-1449B   | Attorney Docket: 4439-4043   | Serial No.:<br>10/581,158  |  |  |
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|  |  |   |  | ombe cosmid 855, complete sequence."   |  |  |
|  |  | XP-002408313 retrieved from EBI accession No. EM_PRO:U23749 Database accession  |  |  |  |  |
|  | 1.   | U23729, abstract, April 2   | 21, 1995.  |  |  |  |
|  |  |   |  | in SHUGOSHIN XP-002408314 retrived   |  |  |
|  | 2.   | December 23, 2005.  | EM_PRO:DD1/3493, Data  | base accession no. DD173495, abstract,   |  |  |
|  | ۷٠.  | Database EMBL [Online], "S. pombe chromosome I cosmid c15A10." XP-002408315   |  |  |  |  |
|  | retrieved from EBI accession No. EM PRO:Z97208, Database accession no. Z97208, |   |  |  |  |  |
|  | 3.   abstract, July 1, 1997.   |   |  |  |  |  |
|  |  |   | ], "S. Cerevisiae Choromos   | ome XV Reading Frame ORF   |  |  |
|  |  | YORO73W" XP-002408316 retrieved from EBI accession No. EM PRO:Z74981, Databa  |  |  |  |  |
|  | 4.   |   |  |  |  |  |
| , <u>, , , , , , , , , , , , , , , , , , </u>        | Database EMBL [Online], "Neurospora Crassa DNA Linkage Group II BAC Contig E   |   |  |  |  |  |
|  |  |   | from EBI accession No. EM_PRO:BX284754, Database accession   |  |  |  |
|  | 5. no. BX284754, abstract, March 6, 2003.                                      |   |  |  |  |  |
|  | Database EMBL [Online], "Mus Musculus Shugoshin-like 2 (S. Pombe), mRNA (cDNA  |   |  |  |  |  |
| Clone MGC:63378 IMAGE:6833875), complete cds." XP-00 |  |   |  |  |  |  |
| 1  |  |   | BC052742, Database accession no. BC052742, abstract, May 21,   |  |  |  |
|  | 6.   | 2003.   | 3. abase EMBL [Online], "Arabidopsis Thaliana T-DNA Flanking Sequence, Left Border,  |  |  |  |
|  |  |   |  |  |  |  |
|  | 7.   |   | .08319 retrieved from EBI accession No. EM_PRO:AJ551939, LJ551939, abstract, March 29, 2003.   |  |  |  |
| ······································               |  |   |  | DNA Clone:RAFL14-23-C12, 3'-end."  |  |  |
|  |  |   |  | PRO:AU226306, Database accession   |  |  |
|  | 8.   | no. AU226306, abstract,   |  |  |  |  |
| **************************************               |  |   |  | DNA DKFZp686P11149, (fron clone  |  |  |
|  |  |   | -002408321 retrieved from  |  |  |  |
|  | 9.   | EM_PRO:BX647433, Da   | ntabase accession no. BX64   | 7433, abstract, August 30, 2003.   |  |  |
|  |  |   |  | UI. rl NIH_BMAP_HJO Mus musculus   |  |  |
|  |  |   |  | "XP-002408322 retrieved from EBI   |  |  |
|  |  | · —   | CF950315, Database access  | sion no.CF950315, abstract, november   |  |  |
| ***************************************              | 10.  | 21, 2003.   |  |  |  |  |
|  |  |   |  | ding DNA." XP-002408323 retrieved  |  |  |
|  | 1.1  |   | EM_PRO:ACC90627, Data  | base accession no. ACC90627, abstract,   |  |  |
|  | 11.  | August 12, 2003.  | and the state of t |  |  |  |
| Dyominos   | 1  |   | Data   |  |  |  |

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|  | NON PATENT LITERATURE DOCUMENTS                             |  |  |   |  |  |  |  |  |
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| aagnamaan maa aa  | ***************************************                     |  |  | the Centromere," <u>Current Opinion in Cell</u> , No. 6, pgs 590-595, XP005136506 ISSN: |  |  |  |  |  |
|  | 12.   | 0955-0674, December 2  |  | , , , ,   |  |  |  |  |  |
|  | ***************************************                     |  |  | olication No. EP 04819775, date of  |  |  |  |  |  |
| ***************************************  | 13.   | completion of search: 21   | November 2006.   |   |  |  |  |  |  |
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